LOCATION BASED SHARING OF A NETWORK ACCESS CREDENTIAL

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is related to U.S. patent application Ser. No. 12/712,424, now U.S. Pat. No. 8,224,349, filed Feb. 25, 2010, which is hereby incorporated by reference in its entirety. This application is also related to U.S. patent application Ser. No. 12/836,471, now U.S. Pat. No. 8,254,959, filed Jul. 14, 2010, which is also hereby incorporated by reference in its entirety.

TECHNICAL FIELD

The disclosed subject matter relates to network access credentials and, more particularly, to sharing network access credentials.

BACKGROUND

Conventional sources of location information for mobile devices are based on a wide variety of location determination technologies, such as global positioning system (GPS) technology, triangulation, multilateration, etc. These sources of data have provided the opportunity to capture location information for a device and share it with another device, which can allow non-location enabled devices to participate, at some level, in location-centric services. In contrast to conventional systems that rely on technologies such as GPS, triangulation, multilateration, etc., the use of timed fingerprint location (TFL) technology can provide advantages over the conventional technologies. For example, GPS is well known to be energy intensive and to suffer from signal confusion in areas with interference between the satellite constellation and the GPS enabled device. Further, GPS is simply not available on many mobile devices, especially where the devices are cost sensitive. Multilateration and triangulation technologies are computationally intensive, which can result in processing time issues and a corresponding level of energy consumption.

The above-described deficiencies of conventional mobile device location data sources for transportation analytics is merely intended to provide an overview of some of problems of current technology, and are not intended to be exhaustive. Other problems with the state of the art, and corresponding benefits of some of the various non-limiting embodiments described herein, may become further apparent upon review of the following detailed description.

SUMMARY

The following presents a simplified summary of the disclosed subject matter in order to provide a basic understanding of some aspects of the various embodiments. This summary is not an extensive overview of the various embodiments. It is intended neither to identify key or critical elements of the various embodiments nor to delineate the scope of the various embodiments. Its sole purpose is to present some concepts of the disclosure in a streamlined form as a prelude to the more detailed description that is presented later.

Various embodiments relate to sharing a network access credential based on location. In one example embodiment, a system comprises a location component that receives location information. The exemplary system further comprises a credential component to determine a network access credential based on the location information. The network access credential can be distributed by way of an interface component.

In a further embodiment, a method comprises receiving location information. The location information can be for a user equipment. The example method further comprises receiving a network access credential based on the location information. The network access credential can then be accessed in the exemplary method.

In another example embodiment, a computer-readable storage medium comprises instructions for receiving location information for a first user equipment and receiving a network access credential based on the location information. The computer-readable storage medium further comprises instructions for allowing access to the network access credential. The access can be based on an aspect of a request for access. The request for access can be related to a second user equipment.

To the accomplishment of the foregoing and related ends, the disclosed subject matter, then, comprises one or more of the features hereinafter more fully described. The following description and the annexed drawings set forth in detail certain illustrative aspects of the subject matter. However, these aspects are indicative of but a few of the various ways in which the principles of the subject matter can be employed. Other aspects, advantages, and novel features of the disclosed subject matter will become apparent from the following detailed description when considered in conjunction with the drawings. It will also be appreciated that the detailed description may include additional or alternative embodiments beyond those described in this summary.

BRIEF DESCRIPTION OF DRAWINGS

FIG. **1** is an illustration of a system that facilitates sharing a network access credential based on location information in accordance with aspects of the subject disclosure.

FIG. **2** is a depiction of a system that facilitates sharing a network access credential based on timed fingerprint location information in accordance with aspects of the subject disclosure.

FIG. **3** illustrates a system that facilitates sharing a network access credential based on timed fingerprint location information in accordance with aspects of the subject disclosure.

FIG. **4** illustrates an exemplary system including sharing a network access credential based on location information in accordance with aspects of the subject disclosure.

FIG. **5** illustrates an exemplary system including sharing a network access credential based on location information in accordance with aspects of the subject disclosure.

FIG. **6** illustrates a method facilitating sharing a network access credential based on location information in accordance with aspects of the subject disclosure.

FIG. **7** illustrates a method for sharing a network access credential based on timed fingerprint location information in accordance with aspects of the subject disclosure.

FIG. **8** illustrates a method facilitating sharing a network access credential based on timed fingerprint location information in accordance with aspects of the subject disclosure.

FIG. **9** is a block diagram of an exemplary embodiment of a mobile network platform to implement and exploit various features or aspects of the subject disclosure.

FIG. **10** illustrates a block diagram of a computing system operable to execute the disclosed systems and methods in accordance with an embodiment.

DETAILED DESCRIPTION

The presently disclosed subject matter illustrates sharing a network access credential based on location information.